

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: MCELWAIN, Thomas P.      Group Art Unit: 2611  
Serial No.                      10/531,772                      Examiner: GHEBRETINSAE, Temesghen  
Filed:                              04/19/2005                      Atty. Dkt. No: 200300076-US  
For:      JOINT SYMBOL, AMPLITUDE, AND RATE ESTIMATOR  
To:      Mail Stop Amendment                      Customer No: 

42716
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            Commissioner for Patents  
            PO Box 1450  
            Alexandria, VA 22313-1450

Commissioner:

**OFFICE ACTION RESPONSE**  
**AMENDMENT**

**INTRODUCTORY COMMENTS**

In response to the Office's *Ex Parte Quayle* Office Action dated 07/14/2008, the Applicant has timely enclosed herein: 7 pages Office Action Response. Please amend the above-identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 5 of this paper.

DEPOSIT ACCOUNT **190130** AUTHORIZATION – The Office is hereby authorized to charge the required fee, and any deficiency or credit any overpayment in the fees to the above deposit account, owned by BAE SYSTEMS Information and Electronic Systems Integration Inc. an authorized signator for which is Kevin M. Perkins, V.P. & Company Counsel, and for whom the undersigned are authorized agents.